THE

PROCEEDINGS

OF THE

ROYAL

ENTOMOLOGICAL SOCIETY

OF

LONDON

Series A

GENERAL ENTOMOLOGY

VOL. 25

LONDON:

PUBLISHED BY THE SOCIETY AND

SOLD AT ITS ROOMS, 41, QUEEN'S GATE, S.W.7

1950

PRINTED IN GREAT BRITAIN BY
ADLARD AND SON, LIMITED,
BARTHOLOMEW PRESS,
DORKING, SURREY.

CONTENTS

PAGE

HARKER, JANET E. The effect of temperature on the final instar nymphs of three species of Australian Ephemeroptera 111

HENSON, H., D.Sc., Ph.D. F.R.E.S. On the head capsule and mouth parts of *Forficula auricularia* Linn. (Dermaptera). 10

HICKIN, N. E., Ph.D., F.R.E.S. Larvae of the British Trichoptera : 28 67

HICKIN, N. E., Ph.D., F.R.E.S. Larvae of the British Trichoptera : 29 71

HICKIN, N. E., Ph.D., F.R.E.S. Larvae of the British Trichoptera : 30 103

HICKIN, N. E., Ph.D., F.R.E.S. Larvae of the British Trichoptera : 31 107

HINTON, H. E., Ph.D. A trichopterous larva with a chelate front leg 62

JACKSON, C. H. N., D.Sc., Ph.D. On two advances of Tsetse-fly in Central Tanganyika 29

KHALIFA, A., B.Sc.(Cairo), Ph.D.(Cantab.). Spermatophore production in *Galleria mellonella* L. (Lepidoptera) 33

KHALIFA, A., B.Sc.(Cairo), Ph.D.(Cantab.). Spermatophore production in *Blattella germanica* L. (Orthoptera : BLATTIDAE) 53

MACDONALD, W. W., B.Sc. The larvae of *Mystacides azurea* L., *Cyrnus flavidus* McLachlan and *Oxyethira simplex* Ris (Trichoptera) 19

PARKER, ALEC H. Studies on the eggs of certain biting midges (*Culicoides* Latreille) occuring in Scotland 43

RAINEY, R. C., Ph.D., A.R.C.S., F.R.E.S., The embryonic respiration of the sheep blowfly, *Lucilia sericata* Mg. (Diptera : CALLIPHORIDAE) 87

STRICKLAND, A. H. The dispersal of PSEUDOCOCCIDAE (Hemiptera-Homoptera) by air currents in the Gold Coast 1

TEESDALE, C., B.Sc., F.R.E.S. An apparent invasion of *Aëdes* (*Banksinella*) *lineatopennis* and *Aëdes* (*B.*) *albicosta* into Mombasa Island 99

THOMAS, H. T. Field notes on the mating habits of *Sarcophaga* Meigen (Diptera) . 93

VESEY-FITZGERALD, DESMOND, B.Sc., F.R.E.S. Nesting habits of some aculeate Hymenoptera in the Seychelles 75

VESEY-FITZGERALD, D., B.Sc., F.R.E.S. Notes on the Genus *Ropalidia* (Hymenoptera : VESPIDAE) from Madagascar 81

WALOFF, N., Ph.D. The egg pods of British shorthorned grasshoppers (ACRIDIDAE) . 115

BOOK NOTICES.

Huxley. Ants, 1950 9

Bates. The natural history of mosquitoes, 1949 28

Steinhaus. Principles of insect pathology, 1949 28

Urquhart. Introducing the insect, 1949 61

Allee, Park, Emerson, Park and Schmidt. Principles of animal ecology, 1949 86

Chu. How to know the immature insects, 1949 86

Grout. The hive and the honey bee, 1949 106

Robert. Les Insectes, 1946 106

Matheson. Medical entomology 110

GENERAL INDEX 127